

Abstract of the Disclosure

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5 A method for making a quality determination in avian eggs, such as relating to fertility or hatching or hatchling viability, comprises the following activities. A process line is equipped to process an endless succession of eggs at an early opportunity. The process line has an ultrasound inspection station for the eggs. The ultrasound inspection results are analyzed to make a finding correlatable to the egg's shell quality, which in turn is correlatable to such quality factors as fertility or hatching or hatchling viability. A sorting determination is made based on this analysis as to which output category the egg should be sorted. The output categories might number three or so including qualified premium as for graduation to hatchery operation, not qualified for hatchery but not waste, and flunked because unusable and hence waste. The intermediate category might include graded for pet consumption.

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